

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2011 Levee Inspection Results****Reclamation District No. 0900 West Sacramento**

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| * Overall LMA Rating (Fall Only) | | | | |

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

| |
|--|
| |
| |
| |
| |
| |
| |
| |

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Reclamation District No. 0900 West Sacramento

| Waterway | | | Bank | Unit Miles |
|------------------------------|--|--|-------|------------|
| Unit No. 01 Sacramento River | | | Right | 7.84 |

| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 5/26/2011 - 5/26/2011 | | | |
| DWR Inspector | Pavel Kazi | | | |
| Accompanied By | Ken Ruzich RD 0900 | | | |
| | Tony Schwall | | | |

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|------------|
| Unit No. 01 Sacramento River | Right | 7.84 | 05/26/2011 05/26/2011 | Pavel Kazi |

| LMIR No. | Levee Mile | | Category | Item | Location | Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. Photo |
|----------|------------|------|---------------|----------------------|----------|--------|--|------------------------------|------------------------------|--------------------|
| | Start | End | | | | | | Start | End | |
| 1 | 1.92 | 2.03 | Supplemental | USACE Erosion Survey | WS | U | Inspector Comments: 2009: no berm, 1.5:1 slope, tree hazards, holes, and slumping, sands and silts, 5.16 ft/s plus eddy currents [2009 SiteID:SAC_57-2_R] | 38.560492 ° -121.518417 ° | 38.559019 ° -121.517150 ° | 29 Y |
| 2 | 2.00 | 2.27 | Earthen Levee | Vegetation | CR | M | Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: USACE has started to construct a setback levee in this area and has taken control of this portion of the levee. | 38.559202 ° -121.517707 ° | 38.555462 ° -121.516297 ° | 1 |
| 3 | 2.08 | 2.12 | Supplemental | USACE Erosion Survey | WS | U | Inspector Comments: 2009: no berm, 2:1 slope, tree hazards and seepage, sands and silts, 5.02 ft/s plus eddy currents [2009 SiteID:SAC_57-0_R] | 38.558239 ° -121.516736 ° | 38.557750 ° -121.516567 ° | 30 Y |
| 4 | 2.30 | 2.30 | Earthen Levee | Encroachments | LS | PO | Poles | 38.555026 ° -121.516135 ° | 38.555026 ° -121.516135 ° | 21 |
| 5 | 2.31 | 2.31 | Earthen Levee | Encroachments | LS | PO | Poles | 38.554697 ° -121.515850 ° | 38.554697 ° -121.515850 ° | 22 |
| 6 | 2.35 | 2.35 | Earthen Levee | Encroachments | LS | PO | Poles | 38.554321 ° -121.515738 ° | 38.554321 ° -121.515738 ° | 24 |
| 7 | 2.39 | 2.39 | Earthen Levee | Encroachments | LS | PO | Poles | 38.553823 ° -121.515559 ° | 38.553823 ° -121.515559 ° | 27 |
| 8 | 2.41 | 2.41 | Earthen Levee | Encroachments | LS | PO | Poles | 38.553544 ° -121.515448 ° | 38.553544 ° -121.515448 ° | 32 |
| 9 | 2.44 | 2.44 | Earthen Levee | Encroachments | LS | PO | Poles | 38.553016 ° -121.515464 ° | 38.553016 ° -121.515464 ° | 33 |
| 10 | 2.47 | 2.47 | Earthen Levee | Encroachments | LS | PO | Poles | 38.552671 ° -121.515271 ° | 38.552671 ° -121.515271 ° | 34 |
| 11 | 2.50 | 2.50 | Earthen Levee | Encroachments | LS | PO | Poles | 38.552256 ° -121.515107 ° | 38.552256 ° -121.515107 ° | 35 |
| 12 | 2.53 | 2.53 | Earthen Levee | Encroachments | LS | PO | Poles | 38.551846 ° -121.515009 ° | 38.551846 ° -121.515009 ° | 36 |
| 13 | 2.56 | 2.56 | Earthen Levee | Encroachments | LS | PO | Poles | 38.551315 ° -121.514768 ° | 38.551315 ° -121.514768 ° | 37 |
| 14 | 2.59 | 2.61 | Earthen Levee | Encroachments | LS | PO | Fences | 38.550989 ° -121.514765 ° | 38.550721 ° -121.514685 ° | 18 |
| 15 | 2.61 | 2.61 | Earthen Levee | Encroachments | LS | PO | Poles | 38.550657 ° -121.514676 ° | 38.550657 ° -121.514676 ° | 38 |
| 16 | 2.61 | 2.61 | Earthen Levee | Encroachments | LS | PO | Poles | 38.550651 ° -121.514686 ° | 38.550651 ° -121.514686 ° | 39 |
| 17 | 2.64 | 2.64 | Earthen Levee | Encroachments | LS | PO | Poles | 38.550114 ° -121.514526 ° | 38.550114 ° -121.514526 ° | 40 |

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | |
|------------------------------|------------|------|---------------|----------------------|----------|--------|---|------------------------------|------------------------------|--------------------|
| Unit No. 01 Sacramento River | | | | | | Right | 7.84 | 05/26/2011 05/26/2011 | Pavel Kazi | |
| LMR No. | Levee Mile | | Category | Item | Location | Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. Photo |
| | Start | End | | | | | | Start | End | |
| 18 | 2.90 | 2.90 | Earthen Levee | Vegetation | WS | M | Remove the wild growth other than native grasses from the levee slopes. | 38.546783 ° -121.512878 ° | 38.546783 ° -121.512878 ° | 11 Y |
| 19 | 3.33 | 3.33 | Earthen Levee | Encroachments | LS | PO | Poles | 38.540802 ° -121.514249 ° | 38.540802 ° -121.514249 ° | 41 |
| 20 | 3.34 | 3.46 | Supplemental | USACE Erosion Survey | WS | U | Inspector Comments: 2009: no berm, 1:1 slope, tree hazards, holes, slumping, and seepage, sands and silts, 4.46 ft/s [2009 SiteID:SAC_55-7_R] | 38.540333 ° -121.513889 ° | 38.538969 ° -121.515456 ° | 31 Y |
| 21 | 3.37 | 3.37 | Earthen Levee | Encroachments | LS | PO | Poles | 38.540366 ° -121.514652 ° | 38.540366 ° -121.514652 ° | 42 |
| 22 | 3.41 | 3.41 | Earthen Levee | Encroachments | LS | PO | Poles | 38.539922 ° -121.515014 ° | 38.539922 ° -121.515014 ° | 43 |
| 23 | 3.43 | 3.43 | Earthen Levee | Encroachments | LS | PO | Poles | 38.539712 ° -121.515402 ° | 38.539712 ° -121.515402 ° | 44 |
| 24 | 3.47 | 3.47 | Earthen Levee | Encroachments | LS | PO | Poles | 38.539300 ° -121.515903 ° | 38.539300 ° -121.515903 ° | 45 |
| 25 | 3.51 | 4.42 | Earthen Levee | Encroachments | LS | PO | Poles | 38.538985 ° -121.516409 ° | 38.532105 ° -121.530669 ° | 46 |
| 26 | 3.57 | 4.26 | Earthen Levee | Vegetation | WS | M | Control annual grass and weeds on the levee slopes and easements. | 38.538349 ° -121.517340 ° | 38.533458 ° -121.528238 ° | 3 |
| 27 | 3.57 | 4.26 | Earthen Levee | Vegetation | LS | M | Control annual grass and weeds on the levee slopes and easements. | 38.538350 ° -121.517341 ° | 38.533459 ° -121.528238 ° | 2 Y |
| 28 | 3.71 | 3.75 | Earthen Levee | Encroachments | WS | PO | Landscaping | 38.537213 ° -121.519363 ° | 38.536833 ° -121.520087 ° | 15 |
| 29 | 4.11 | 4.11 | Earthen Levee | Encroachments | LS | M | Debris Inspector Comments: Concrete debris with metal posing a safety risk. | 38.534364 ° -121.526051 ° | 38.534364 ° -121.526051 ° | 54 Y |
| 30 | 4.28 | 4.28 | Earthen Levee | Encroachments | WS | CO | Buildings Inspector Comments: Miscellaneous unpermitted encroachments at the Sherwood Harbor. An encroachment permit application is being reviewed by RD900. | 38.533274 ° -121.528628 ° | 38.533274 ° -121.528628 ° | 20 |
| 31 | 4.48 | 4.83 | Earthen Levee | Vegetation | WS | M | Control annual grass and weeds on the levee slopes and easements. | 38.531357 ° -121.531445 ° | 38.526524 ° -121.531097 ° | 4 Y |
| 32 | 4.77 | 4.77 | Earthen Levee | Encroachments | LS | PO | Poles | 38.527253 ° -121.531783 ° | 38.527253 ° -121.531783 ° | 47 |
| 33 | 4.82 | 5.00 | Earthen Levee | Encroachments | WS | PO | Poles | 38.526684 ° -121.531221 ° | 38.524505 ° -121.529316 ° | 48 |
| 34 | 5.04 | 5.25 | Earthen Levee | Encroachments | LS | PO | Poles | 38.524116 ° -121.528883 ° | 38.522004 ° -121.526141 ° | 49 |

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | |
|------------------------------|------------|------|---------------|-------------------|----------|---|--|------------------------------|------------------------------|--------------------|
| Unit No. 01 Sacramento River | | | | | | Right | 7.84 | 05/26/2011 05/26/2011 | Pavel Kazi | |
| LMR No. | Levee Mile | | Category | Item | Location | Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. Photo |
| | Start | End | | | | | | Start | End | |
| 35 | 5.27 | 5.35 | Earthen Levee | Encroachments | WS PO | Poles | | 38.521633 ° -121.525884 ° | 38.520659 ° -121.525474 ° | 50 |
| 36 | 5.39 | 5.39 | Earthen Levee | Encroachments | LS PO | Poles | Inspector Comments: 2 poles on the landward shoulder. | 38.520097 ° -121.525637 ° | 38.520097 ° -121.525637 ° | 51 |
| 37 | 5.53 | 5.53 | Earthen Levee | Vegetation | LS M | Elderberries are blocking visibility and flood fight capability. | | 38.518988 ° -121.527738 ° | 38.518988 ° -121.527738 ° | 958 Y |
| 38 | 5.54 | 5.54 | Earthen Levee | Vegetation | LS W | Elderberries are blocking visibility and flood fight capability. | | 38.518883 ° -121.527800 ° | 38.518883 ° -121.527800 ° | 52 |
| 39 | 5.58 | 5.63 | Earthen Levee | Encroachments | LS PO | Landscaping | | 38.518710 ° -121.528513 ° | 38.518492 ° -121.529410 ° | 23 |
| 40 | 5.59 | 5.59 | Earthen Levee | Encroachments | LS PO | Buildings | Inspector Comments: Retaining wall and vegetation along the edge of the landward ramp. | 38.518561 ° -121.528756 ° | 38.518561 ° -121.528756 ° | 53 Y |
| 41 | 5.97 | 5.98 | Earthen Levee | Vegetation | LS M | Elderberries are blocking visibility and flood fight capability. | | 38.517952 ° -121.535672 ° | 38.517948 ° -121.535857 ° | 25 Y |
| 42 | 5.98 | 6.84 | Earthen Levee | Vegetation | LS A | Control annual grass and weeds on the levee slopes and easements. | | 38.517945 ° -121.535806 ° | 38.515199 ° -121.551391 ° | 5 Y |
| 43 | 6.22 | 6.84 | Earthen Levee | Vegetation | WS A | Control annual grass and weeds on the levee slopes and easements. | | 38.517744 ° -121.540343 ° | 38.515199 ° -121.551392 ° | 9 Y |
| 44 | 6.57 | 6.63 | Earthen Levee | Encroachments | LS PO | Landscaping | | 38.516657 ° -121.546643 ° | 38.516421 ° -121.547575 ° | 10 Y |
| 45 | 6.74 | 6.74 | Earthen Levee | Trim / Thin Trees | LS C | Thin trees to allow visibility of the ground and room to flood fight. | | 38.515841 ° -121.549507 ° | 38.515841 ° -121.549507 ° | 65 |
| 46 | 6.74 | 6.74 | Earthen Levee | Trim / Thin Trees | LS A | Trim trees to at least five feet above ground level. | | 38.515841 ° -121.549510 ° | 38.515841 ° -121.549510 ° | 6 Y |
| 47 | 7.23 | 7.23 | Earthen Levee | Vegetation | LS M | Elderberries are blocking visibility and flood fight capability. | | 38.511104 ° -121.555664 ° | 38.511104 ° -121.555664 ° | 8 |
| 48 | 7.27 | 7.27 | Earthen Levee | Vegetation | LS M | Elderberries are blocking visibility and flood fight capability. | | 38.510613 ° -121.555969 ° | 38.510613 ° -121.555969 ° | 7 Y |
| 49 | 7.33 | 7.69 | Earthen Levee | Vegetation | LS A | Control annual grass and weeds on the levee slopes and easements. | | 38.509748 ° -121.556425 ° | 38.505111 ° -121.559102 ° | 16 Y |
| 50 | 7.33 | 7.33 | Earthen Levee | Encroachments | WS M | Prunings | | 38.509748 ° -121.556426 ° | 38.509748 ° -121.556426 ° | 14 Y |
| 51 | 7.50 | 7.50 | Earthen Levee | Vegetation | WS M | Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Arundo on the waterward slope. | | 38.507497 ° -121.557643 ° | 38.507497 ° -121.557643 ° | 12 Y |
| 52 | 7.81 | 7.81 | Earthen Levee | Vegetation | WS M | Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Arundo on the waterward slope. | | 38.503384 ° -121.559836 ° | 38.503384 ° -121.559836 ° | 13 Y |

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|------------|
| Unit No. 01 Sacramento River | Right | 7.84 | 05/26/2011 05/26/2011 | Pavel Kazi |

| | |
|---|----------------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 1.92 |
| End Levee Mile | 2.03 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |
| 2009: no berm, 1.5:1 slope, tree hazards, holes, and slumping, sands and silts, 5.16 ft/s plus eddy currents [2009 SiteID:SAC_57-2_R] | |
| pkazi_s_20110328_355.JPG | |



| | |
|--|----------------------|
| Levee Mile Report Line | 3 |
| Start Levee Mile | 2.08 |
| End Levee Mile | 2.12 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |
| 2009: no berm, 2:1 slope, tree hazards and seepage, sands and silts, 5.02 ft/s plus eddy currents [2009 SiteID:SAC_57-0_R] | |
| pkazi_s_20110328_356.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 18 |
| Start Levee Mile | 2.90 |
| End Levee Mile | 2.90 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |
| View of vegetation within the top 20' of the waterward slope looking downstream. | |
| pkazi_s_20110328_354.jpg | |

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|------------|
| Unit No. 01 Sacramento River | Right | 7.84 | 05/26/2011 05/26/2011 | Pavel Kazi |

| | |
|---|----------------------|
| Levee Mile Report Line | 20 |
| Start Levee Mile | 3.34 |
| End Levee Mile | 3.46 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |
| 2009: no berm, 1:1 slope, tree hazards, holes, slumping, and seepage, sands and silts, 4.46 ft/s [2009 SiteID:SAC_55-7_R] | |
| pkazi_s_20110328_357.JPG | |



| | |
|---|---------------|
| Levee Mile Report Line | 27 |
| Start Levee Mile | 3.57 |
| End Levee Mile | 4.26 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Annual vegetation control on the landside of the levee. The picture is taken from crown looking downstream. | |
| pkazi_s_20110527_637.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 29 |
| Start Levee Mile | 4.11 |
| End Levee Mile | 4.11 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| View of concrete debris with metal looking upstream. | |
| pkazi_s_20110328_359.jpg | |

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|------------|
| Unit No. 01 Sacramento River | Right | 7.84 | 05/26/2011 05/26/2011 | Pavel Kazi |

| | |
|------------------------|---------------|
| Levee Mile Report Line | 31 |
| Start Levee Mile | 4.48 |
| End Levee Mile | 4.83 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |

Vegetation on the waterside of the levee looking downstream.

pkazi_s_20110527_638.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 37 |
| Start Levee Mile | 5.53 |
| End Levee Mile | 5.53 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |

Elderberry on the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110527_639.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 40 |
| Start Levee Mile | 5.59 |
| End Levee Mile | 5.59 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |

View of a retaining wall and vegetation along the edge of the ramp looking downstream.

pkazi_s_20110328_358.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|------------|
| Unit No. 01 Sacramento River | Right | 7.84 | 05/26/2011 05/26/2011 | Pavel Kazi |

| | |
|------------------------|---------------|
| Levee Mile Report Line | 41 |
| Start Levee Mile | 5.97 |
| End Levee Mile | 5.98 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |

Elderberry located on the landside of the levee obstructing the view. The picture was taken from the crown looking downstream.

pkazi_s_20110527_640.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 42 |
| Start Levee Mile | 5.98 |
| End Levee Mile | 6.84 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |

Vegetation control complies with standards on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110527_641.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 43 |
| Start Levee Mile | 6.22 |
| End Levee Mile | 6.84 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |

Vegetation complies with standards on the waterside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110527_642.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|------------|
| Unit No. 01 Sacramento River | Right | 7.84 | 05/26/2011 05/26/2011 | Pavel Kazi |

| | |
|------------------------|---------------|
| Levee Mile Report Line | 44 |
| Start Levee Mile | 6.57 |
| End Levee Mile | 6.63 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |

Landscaping was obstructing the view on the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110527_643.jpg



| | |
|------------------------|-------------------|
| Levee Mile Report Line | 46 |
| Start Levee Mile | 6.74 |
| End Levee Mile | 6.74 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |

Vegetation and trees complied with standards on the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110527_644.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 48 |
| Start Levee Mile | 7.27 |
| End Levee Mile | 7.27 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |

View of elderberries blocking visibility on the landward slope looking upstream.

pkazi_s_20110328_353.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|------------|
| Unit No. 01 Sacramento River | Right | 7.84 | 05/26/2011 05/26/2011 | Pavel Kazi |

| | |
|------------------------|---------------|
| Levee Mile Report Line | 49 |
| Start Levee Mile | 7.33 |
| End Levee Mile | 7.69 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |

Vegetation complies with standards on the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110527_645.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 50 |
| Start Levee Mile | 7.33 |
| End Levee Mile | 7.33 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |

Pruning was found on the waterside of the levee. The picture was taken from the crown looking towards the river.

pkazi_s_20110527_646.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 51 |
| Start Levee Mile | 7.50 |
| End Levee Mile | 7.50 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |

Arrundo on the waterside slope of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110527_647.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|------------|
| Unit No. 01 Sacramento River | Right | 7.84 | 05/26/2011 05/26/2011 | Pavel Kazi |

| | |
|------------------------|---------------|
| Levee Mile Report Line | 52 |
| Start Levee Mile | 7.81 |
| End Levee Mile | 7.81 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |

Arrundo on the waterside slope of the levee. The picture was taken from the crown looking towards the river.

pkazi_s_20110527_648.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing C : Corrected
M : Minimally Acceptable CO : Completely Obstructing W : Watch/Monitor
U : Unacceptable N : Not Inspected/Rated

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Reclamation District No. 0900 West Sacramento

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 02 Yolo Bypass | | | Left | 5.73 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 5/26/2011 - 5/26/2011 | | | |
| DWR Inspector | Pavel Kazi | | | |
| Accompanied By | Tony Schwall | | | |

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------------|------|---------------|-----------------|----------|--------|--|------------------------------|------------------------------|------------|
| Unit No. 02 Yolo Bypass | | | | | | | Left | 5.73 | 05/26/2011 05/26/2011 | Pavel Kazi |
| LMR No. | Levee Mile | | Category | Item | Location | Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. |
| | Start | End | | | | | | Start | End | Photo |
| 1 | 0.38 | 0.38 | Earthen Levee | Encroachments | WS | PO | Poles Inspector Comments: Lights on a telephone pole at the landward toe. | 38.578683 ° -121.572655 ° | 38.578683 ° -121.572655 ° | 4 |
| 2 | 0.95 | 0.95 | Earthen Levee | Cracking | WS | C | Monitor and have inspected by geotechnical engineer. Inspector Comments: Cracks located on waterside on ramp toward under I-80, some slumping | 38.574250 ° -121.581517 ° | 38.574250 ° -121.581517 ° | 10 |
| 3 | 0.95 | 0.95 | Earthen Levee | Cracking | WS | W | Monitor and have inspected by geotechnical engineer. | 38.574250 ° -121.581520 ° | 38.574250 ° -121.581520 ° | 9 Y |
| 4 | 1.31 | 1.31 | Earthen Levee | Encroachments | LS | PO | Buildings Inspector Comments: Abandoned city water well at the landward toe. | 38.569258 ° -121.582232 ° | 38.569258 ° -121.582232 ° | 5 |
| 5 | 1.87 | 1.87 | Earthen Levee | Encroachments | LS | PO | Poles Inspector Comments: Wood pole with electrical lines providing power to a pump in the bypass. | 38.561166 ° -121.582240 ° | 38.561166 ° -121.582240 ° | 6 |
| 6 | 2.07 | 2.07 | Earthen Levee | Encroachments | WS | M | Pipe Inspector Comments: HDPE pipe at the waterward toe. The LMA purposely put the pipe to prevent people from driving up the levee. | 38.558296 ° -121.582151 ° | 38.558296 ° -121.582151 ° | 13 |
| 7 | 2.46 | 2.46 | Earthen Levee | Encroachments | LS | PO | Poles Inspector Comments: Wood pole with electrical lines providing power to a pump in the bypass. | 38.552639 ° -121.582203 ° | 38.552639 ° -121.582203 ° | 14 |
| 8 | 3.09 | 4.35 | Earthen Levee | Vegetation | LS | M | Control annual grass and weeds on the levee slopes and easements. | 38.543548 ° -121.582220 ° | 38.525224 ° -121.582128 ° | 3 Y |
| 9 | 3.26 | 4.92 | Earthen Levee | Encroachments | LS | PO | Agricultural Ditch Inspector Comments: District maintained drainage channel necessary for operation of the system located at the landward toe. | 38.540943 ° -121.582283 ° | 38.517056 ° -121.582218 ° | 17 |
| 10 | 3.26 | 3.26 | Earthen Levee | Encroachments | LS | PO | Buildings Inspector Comments: Recently removed waterward pump. Some pipe, equipment and debris remain. | 38.540943 ° -121.582280 ° | 38.540943 ° -121.582280 ° | 15 |
| 11 | 3.97 | 4.49 | Earthen Levee | Vegetation | LS | M | Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Levee slope has been mowed and appears to be acceptably maintained, but vegetation is still present at the toe. | 38.530680 ° -121.582204 ° | 38.523248 ° -121.582213 ° | 16 Y |
| 12 | 4.37 | 4.37 | Earthen Levee | Slope Stability | CR | A | Repair slope instability. | 38.524939 ° -121.582120 ° | 38.524939 ° -121.582120 ° | 8 Y |
| 13 | 4.37 | 4.37 | Earthen Levee | Slope Stability | CR | C | Repair slope instability. | 38.524939 ° -121.582117 ° | 38.524939 ° -121.582117 ° | 7 |

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | |
|-------------------------|------------|------|---------------|---------------|----------|--------|--|------------------------------|------------------------------|--------------------|
| Unit No. 02 Yolo Bypass | | | | | | Left | 5.73 | 05/26/2011 05/26/2011 | Pavel Kazi | |
| LMIR No. | Levee Mile | | Category | Item | Location | Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. Photo |
| | Start | End | | | | | | Start | End | |
| 14 | 4.57 | 4.92 | Earthen Levee | Vegetation | LS | M | Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Levee slope has been mowed and appears to be acceptably maintained, but vegetation is still present at the toe. | 38.522114 ° -121.582251 ° | 38.517099 ° -121.582198 ° | 18 |
| 15 | 4.92 | 4.98 | Earthen Levee | Encroachments | LS | PO | Fences | 38.517026 ° -121.582224 ° | 38.516157 ° -121.582222 ° | 2 |
| 16 | 4.96 | 4.96 | Earthen Levee | Encroachments | LS | PO | Buildings Inspector Comments: Ongoing pump station replacement project underway, permit #18116. | 38.516465 ° -121.582225 ° | 38.516465 ° -121.582225 ° | 12 Y |
| 17 | 4.98 | 5.68 | Earthen Levee | Vegetation | LS | M | Control annual grass and weeds on the levee slopes and easements. | 38.516158 ° -121.582222 ° | 38.506048 ° -121.582134 ° | 1 Y |
| 18 | 5.02 | 5.02 | Earthen Levee | Encroachments | LS | PO | Poles Inspector Comments: 2 power poles in the levee toe supplying power to the district pumping plant. | 38.515519 ° -121.582185 ° | 38.515519 ° -121.582185 ° | 20 |
| 19 | 5.07 | 5.07 | Earthen Levee | Encroachments | LS | PO | Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant. | 38.514929 ° -121.582163 ° | 38.514929 ° -121.582163 ° | 21 |
| 20 | 5.08 | 5.46 | Earthen Levee | Encroachments | LS | PO | Agricultural Ditch Inspector Comments: District maintained drainage channel necessary for operation of the system located at the landward toe. | 38.515634 ° -121.582060 ° | 38.509234 ° -121.582170 ° | 19 |
| 21 | 5.10 | 5.10 | Earthen Levee | Encroachments | LS | PO | Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant. | 38.514384 ° -121.582113 ° | 38.514384 ° -121.582113 ° | 22 |
| 22 | 5.16 | 5.16 | Earthen Levee | Encroachments | LS | PO | Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant. | 38.513621 ° -121.582144 ° | 38.513621 ° -121.582144 ° | 23 |
| 23 | 5.21 | 5.21 | Earthen Levee | Encroachments | LS | PO | Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant. | 38.512905 ° -121.582124 ° | 38.512905 ° -121.582124 ° | 24 |
| 24 | 5.27 | 5.27 | Earthen Levee | Encroachments | LS | PO | Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant. | 38.511972 ° -121.582071 ° | 38.511972 ° -121.582071 ° | 25 |
| 25 | 5.33 | 5.33 | Earthen Levee | Encroachments | LS | PO | Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant. | 38.511066 ° -121.582141 ° | 38.511066 ° -121.582141 ° | 26 |
| 26 | 5.39 | 5.39 | Earthen Levee | Encroachments | LS | PO | Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant. | 38.510195 ° -121.582141 ° | 38.510195 ° -121.582141 ° | 27 |

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|--|--|--|--|--|------|------------|--------------------------|------------|
| Unit No. 02 Yolo Bypass | | | | | | Left | 5.73 | 05/26/2011 05/26/2011 | Pavel Kazi |

| LMIR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. Photo |
|----------|------------|------|---------------|---------------|------------|-----------|--|------------------------------|------------------------------|--------------------|
| | Start | End | | | | | | Start | End | |
| 27 | 5.46 | 5.46 | Earthen Levee | Encroachments | LS | PO | Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant. | 38.509284 ° -121.582130 ° | 38.509284 ° -121.582130 ° | 28 |
| 28 | 5.52 | 5.52 | Earthen Levee | Encroachments | LS | PO | Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant. | 38.508378 ° -121.582153 ° | 38.508378 ° -121.582153 ° | 29 |
| 29 | 5.58 | 5.58 | Earthen Levee | Encroachments | LS | PO | Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant. | 38.507460 ° -121.582132 ° | 38.507460 ° -121.582132 ° | 30 |
| 30 | 5.64 | 5.64 | Earthen Levee | Encroachments | LS | PO | Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant. | 38.506586 ° -121.582130 ° | 38.506586 ° -121.582130 ° | 31 |
| 31 | 5.71 | 5.71 | Earthen Levee | Encroachments | LS | PO | Poles Inspector Comments: Power pole in the levee shoulder supplying power to the district pumping plant. | 38.505643 ° -121.582159 ° | 38.505643 ° -121.582159 ° | 32 |

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|------------|
| Unit No. 02 Yolo Bypass | Left | 5.73 | 05/26/2011 05/26/2011 | Pavel Kazi |

| | |
|------------------------|---------------|
| Levee Mile Report Line | 3 |
| Start Levee Mile | 0.95 |
| End Levee Mile | 0.95 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Cracking |

No cracking bigger than 6 inches was observed in the area, but due to the soil condition during summer time it may appear again. The picture was taken from the crown looking downstream.

pkazi_s_20110527_652.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 8 |
| Start Levee Mile | 3.09 |
| End Levee Mile | 4.35 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |

Vegetation on the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110527_651.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 11 |
| Start Levee Mile | 3.97 |
| End Levee Mile | 4.49 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |

View of vegetation along the toe adjacent to the ditch looking downstream.

pkazi_s_20110328_365.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|------------|
| Unit No. 02 Yolo Bypass | Left | 5.73 | 05/26/2011 05/26/2011 | Pavel Kazi |

| | |
|------------------------|-----------------|
| Levee Mile Report Line | 12 |
| Start Levee Mile | 4.37 |
| End Levee Mile | 4.37 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Slope Stability |

Slope stability on the crown found on last inspection was fixed. The picture was taken from the crown looking downstream.

pkazi_s_20110527_650.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 16 |
| Start Levee Mile | 4.96 |
| End Levee Mile | 4.96 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |

View of the open pit and construction activity on a new pump station on the landward side of the levee.

pkazi_s_20110328_363.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 16 |
| Start Levee Mile | 4.96 |
| End Levee Mile | 4.96 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |

View of construction as of fall 2010.

pkazi_s_20110328_364.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0900 West Sacramento

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|------------|
| Unit No. 02 Yolo Bypass | Left | 5.73 | 05/26/2011 05/26/2011 | Pavel Kazi |

| | |
|------------------------|---------------|
| Levee Mile Report Line | 17 |
| Start Levee Mile | 4.98 |
| End Levee Mile | 5.68 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |

Vegetation on the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110527_649.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing C : Corrected
M : Minimally Acceptable CO : Completely Obstructing W : Watch/Monitor
U : Unacceptable N : Not Inspected/Rated